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AVIAN INFLUENZA A (H7N9)

Two additional human infections with avian influenza A (H7N9) were reported this week, bringing the global case count to 139, including 45 deaths. One patient is a 3-year-old boy with mild illness who had contact with live poultry. The other is a 64-year-old woman who also had contact with live poultry. There is still no evidence of sustained human-to-human transmission.

- WHO: [Human infection with avian influenza A\(H7N9\) virus - update](#) (November 6)
- CIDRAP: [China reports two new H7N9 Cases](#)
- *The Lancet*: [Effect of closure of live poultry markets on poultry-to-person transmission of avian influenza A H7N9 virus: an ecological study](#)
 - Found live poultry market closures were effective in control of human risk of infection in spring 2013
 - In short term, live poultry market closure should be rapidly implemented in areas where virus is identified in live poultry or people

H5N1 AVIAN INFLUENZA JOURNAL AND NEWS ARTICLES

- WHO: [23rd new human case of avian influenza H5N1 in Cambodia in 2013](#)
- [Bird flu kills 12th person in Cambodia](#)
- [Mutant-flu researchers appeal Dutch court ruling on export permits](#)

2013 MDCH FALL REGIONAL IMMUNIZATION CONFERENCES

Registration is still open for one Fall Regional Immunization Conference! To register or for more information, visit the conference [website](#). The remaining open conference is Nov. 19 in Bay City.

COLLEGE/UNIVERSITY FLU VACCINATION TOOLKIT

MDCH has a new [toolkit](#) available to help promote flu vaccination among college and university students! It includes strategies to increase rates, key messages, email and news release templates, social media messages, posters, flyers, and more. Help us increase flu vaccination rates in this unique young adult population!

FLU WEBSITES

www.michigan.gov/flu
www.cdc.gov/flu
www.flu.gov
<http://vaccine.healthmap.org/>

INFLUENZA-RELATED JOURNAL ARTICLES

- *Eurosurveillance*: [Dramatic change in public attitudes towards vaccination during the 2009 influenza A\(H1N1\) pandemic in France](#)
 - Unfavorable attitudes towards vaccination increased from 9% in 2000 to 38% in 2010, became significantly more frequent among less educated people in 2010
 - Attitudes correlated with vaccination behaviors
- *American Journal of Infection Control*: [Hospital-onset influenza hospitalizations—United States, 2010-2011](#)
 - Hospital-onset cases had greater length of stay, more likely to be admitted to ICU or die compared with community-onset cases
- *JAMA*: [Managing the human toll caused by seasonal flu - New York State's mandate to vaccinate or mask](#)
- *BMC Public Health*: [Admission to hospital for pneumonia and influenza attributable to 2009 pandemic A/H1N1 Influenza in First Nations communities in three provinces of Canada](#)
 - Found increased risk for pH1N1-related hospital admissions for First Nations communities in all 3 provinces
- [Evidence review on the barriers and drivers of seasonal influenza vaccination coverage in Europe](#)
 - Researchers found for elderly people, reminder post cards/phone calls increase vaccine uptake
 - Barriers to vaccination of those with chronic conditions included worries about side effects and belief that vaccine can cause the disease
- [International flight-related transmission of pandemic influenza A\(H1N1\)pdm09: an historical cohort study of the first identified cases in the UK](#)
 - Authors found no difference in pH1N1 attack rate for those seated within 2 rows of infectious airline passenger and those seated elsewhere
 - These findings do not support WHO guidelines, which call for contact tracing of airline passengers seated within 2 rows of an infected person

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